

Title (en)

Vehicle nozzle having directing blades, each having a driving rod actuated by one rotary wheel

Title (de)

Fahrzeugluftausströmer mit Luftführungslamellen, die je mit einem dreh Scheibengesteuerten Antriebspleuel versehen sind

Title (fr)

Aérateur pour véhicule comprenant des ailettes pourvues chacune d'une bielle de commande actionnée par une molette

Publication

EP 1705041 A1 20060927 (FR)

Application

EP 06290424 A 20060316

Priority

FR 0502877 A 20050323

Abstract (en)

The air vent has fins (7) with coaxial trunnions (8, 9) housed in respective notches (10, 11). The trunnions are integrated with connecting rods (14a-14d) carrying guide pins (15). The pins are housed in guide tracks arranged in a control unit (17) mounted rotating on a body between two end positions. The tracks are designed such that the rods allow the fins to move from an open end position to a closed end position, when the unit moves between end positions. The fins are in close contact with each other and completely close an outlet (6) of a pipe, when the fins are in their closed position.

IPC 8 full level

B60H 1/34 (2006.01)

CPC (source: EP)

B60H 1/3421 (2013.01); **B60H 2001/3471** (2013.01)

Citation (search report)

- [A] US 5063833 A 19911112 - HARA JUNICHIRO [JP], et al
- [A] DE 10145267 C1 20030102 - SCHNEIDER ENG GMBH [DE]
- [A] WO 02100669 A1 20021219 - BTV PLAST S R O [CZ]

Cited by

CN113291129A; US11613166B2

Designated contracting state (EPC)

DE FR

DOCDB simple family (publication)

EP 1705041 A1 20060927; **EP 1705041 B1 20071219**; DE 602006000328 D1 20080131; DE 602006000328 T2 20081211; FR 2883513 A1 20060929; FR 2883513 B1 20070615

DOCDB simple family (application)

EP 06290424 A 20060316; DE 602006000328 T 20060316; FR 0502877 A 20050323